

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11) Publication number:

**0 444 451 A2**

(12)

## EUROPEAN PATENT APPLICATION

(21) Application number: 91101689.7

(51) Int. Cl.<sup>5</sup>: C07D 413/06, C07D 209/12,  
C07D 403/06, C07D 417/06,  
A61K 31/40

(22) Date of filing: 07.02.91

(30) Priority: 26.02.90 US 484759

(43) Date of publication of application:  
04.09.91 Bulletin 91/36

(84) Designated Contracting States:  
AT BE CH DE DK ES FR GB GR IT LI NL SE

(71) Applicant: STERLING DRUG INC.  
90 Park Avenue  
New York New York(US)

(72) Inventor: d'Ambra, Thomas Edward  
14 Woodside Court  
Wynantskill, New York(US)  
Inventor: Bacon, Edward Richard  
1 Johnny, Place  
East Greenbush, New York(US)  
Inventor: Bell, Malcolm Rice  
R.D. 1, Box 156A  
East Greenbush, New York(US)  
Inventor: Carabateas, Philip Michael  
Brier Patch R. D. 1  
Nassau, New York(US)  
Inventor: Eissenstat, Michael Allen  
R.D. 1, Box 80A  
West Sand Lake, New York(US)  
Inventor: Kumar, Virendra  
9 Wellesley Court  
Loudonville, New York(US)  
Inventor: Mallamo, John Peter  
West Road  
Niverville, New York(US)  
Inventor: Ward, Susan Jean  
299D Moore Road  
East Greenbush, New York(US)

(74) Representative: Baillie, Iain Cameron et al  
c/o Ladas & Parry Isartorplatz 5  
W-8000 München 2(DE)

(54) 3-Arylcabonyl-1H-indoles useful as therapeutic agents.

(57) 2-R<sub>2</sub>-R<sub>4</sub>-substituted-3-R<sub>3</sub>-CO-1-[(C-attached-N-heteryl)-(Alk)<sub>n</sub>]-1H-indoles useful as analgesic, anti-rheumatic, anti-inflammatory or anti-glaucoma agents.

EP 0 444 451 A2

**3-Arylcarbonyl-1H-indoles useful as therapeutic agents.**

Patent Number: EP0444451

Publication  
date:

1991-09-04

Inventor(s):

BELL MALCOLM RICE (US); CARABATEAS PHILIP MICHAEL (US); D AMBRA THOMAS EDWARD (US); KUMAR VIRENDRA (US); WARD SUSAN JEAN (US); BACON EDWARD RICHARD (US); EISSENSTAT MICHAEL ALLEN (US); MALLAMO JOHN PETER (US)

Applicant(s):

STERLING DRUG INC (US)

Requested  
Patent:☐ EP0444451, A3Application  
Number:

EP19910101689 19910207

Priority Number  
(s):

US19900484759 19900226

IPC

A61K31/40; C07D209/12; C07D401/04; C07D401/06; C07D403/04; C07D403/06; C07D413/06;

Classification:

C07D417/04; C07D417/06

EC

Classification:

C07D401/06, C07D403/06, C07D413/06, C07D417/06

Equivalents:

AU638795, AU7122291, CA2035711, ☐ FI910851, ☐ HU208132, HU56565, ☐ IE910492, IL97313, ☐ JP7041475, KR191258, MX24568, NO177006B, NO177006C, NO910731, NZ237041, ☐ PT96871, ☐ RU2052457, SG55090, ☐ US5068234

Cited patent(s):

EP0171037; US4021431; US3501465; US3445472; US3361759; EP0227416; EP0325963**Abstract**

2-R2-R4-substituted-3-R3-CO-1-[(C-attached-N-heteryl)-(Alk)n]-1H-indole s useful as analgesic, anti-rheumatic, anti-inflammatory or anti-glaucoma agents.

Data supplied from the esp@cenet database - I2